

### Data in a Minute

Where data management concepts are explained in under a minute



#### **TOPICS**

# Data extraction adapter Or 'Data object'

#### What is a data extraction adapter/ 'Data object'?

An extraction adapter (commonly referred to as a 'data object' in the smart data platform), is the single enabler for all data extraction processes. A 'data object' comes pre-defined with extraction logic, enhanced with filters & conditions, and automates the extraction process.

A 'data object' is also one half of a 'data flow' - the other half being a 'loader'. Data extraction requires a careful analysis of the Various applications involved, a consolidation strategy, closely involves business participation, and should be preceded or succeeded by some basic profiling efforts. A 'data object' provides businesses with a low-code approach to automate extracts.



Extracted data is ideally moved into a staging area, which serves as the input to data quality activities such as cleansing, standardization and validation.





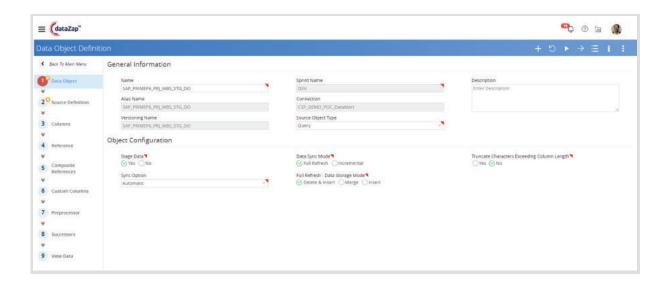
The smart data platform's template library consists of over 2000 pre-configured templates (for extraction, loading & data quality), and provides organizations with an 80% baseline for migrations & integrations. The templates support a little over 200 applications..

#### DataZap's Data Object

A 'data object' is fully configurable - meaning any changes to rules, logic or filters can be achieved through a low-code approach. Some of the configurable features of a 'data object' include:

- Data extraction logic from one or more sources (more than 200 endpoints supported)
- Use data profiling results to intelligently strategize extraction efforts
- Data filters to refine data during extraction
- Ability to select the required columns for a specific data element, which need to be extracted
- Add if, then, else conditions for extract
- · Ability to extract data from custom columns/custom attributes

Here's a look at dataZap's 'data object' configuration dashboard. All the elements on the left (numbered 1 through 9) come pre-defined, with the ability to 'configure' changes:





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Nearing a decade in ChainSys, he has also had experience in key sales & pre-sales roles and is a respected subject matter expert in the ERP space.

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